

### ABSTRACT OF THE DISCLOSURE

A valve timing control device includes a rotor, a housing which can rotate relative to the rotor, a projecting portion which is formed on the housing so as to slide on the outer circumference of the rotor, a fluid chamber which is defined between the rotor and the housing, a vane which is provided on the rotor and which divides the fluid chamber into a retard angle chamber and an advance angle chamber and a torsion coil spring for urging the rotor relative to the housing in the advance angle direction in which the volume of the retard angle chamber decreases and the volume of the advance angle chamber increases and disposed in the twisted condition with a predetermined angle so as not to contact with the rotor and the housing frictionally.